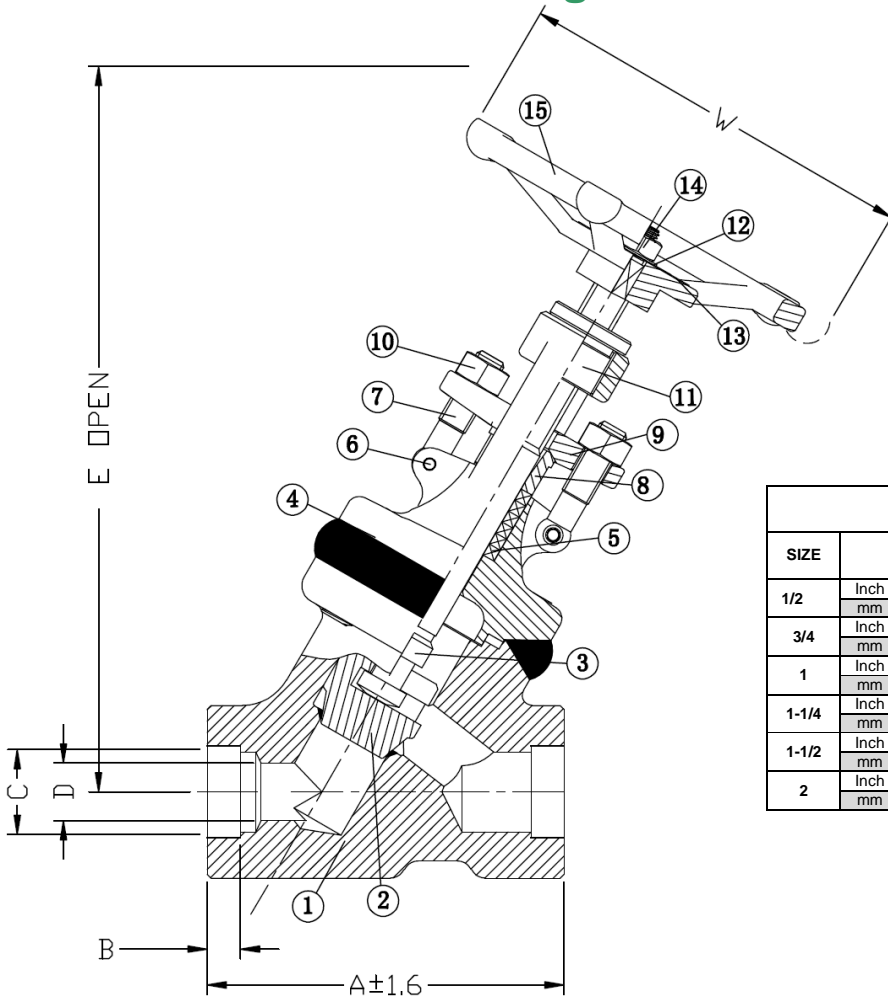


## Y-Pattern Globe Valve Forged Steel Class 1500



### STANDARDS:

#### DESIGN:

API 602  
ASME B16.34

#### TESTING:

API 598

#### PRESSURE CLASS:

NPT, SW, & BW – 1500

#### CONNECTIONS:

NPT – ASME B1.20.1  
SW – ASME B16.11  
BW – ASME B16.25

### DIMENSIONS AND WEIGHTS

SIZE		A	B (Min)	C	D (Min)	E	W	WGT.
1/2	Inch	4.37	0.37	0.87	0.47	6.89	4.92	10.14
	mm	111.0	9.50	22.0	12.0	175	125.0	4.60
3/4	Inch	4.37	0.49	1.07	0.59	8.46	4.92	10.14
	mm	111.0	12.50	27.4	15.0	215	125.0	4.60
1	Inch	5.51	0.49	1.34	0.79	8.46	6.30	20.5
	mm	140.0	12.50	34.1	20.0	215	160.0	9.30
1-1/4	Inch	5.51	0.49	1.68	1.12	10.0	6.30	20.5
	mm	140.0	12.50	42.9	28.0	254	160.0	9.30
1-1/2	Inch	6.12	0.49	1.92	1.25	12.0	7.09	30.86
	mm	155.0	12.50	49.0	32.0	305	180.0	14.0
2	Inch	6.70	0.63	2.41	1.58	13.5	7.87	43.0
	mm	170.0	16.00	61.5	40.0	343	200.0	19.6

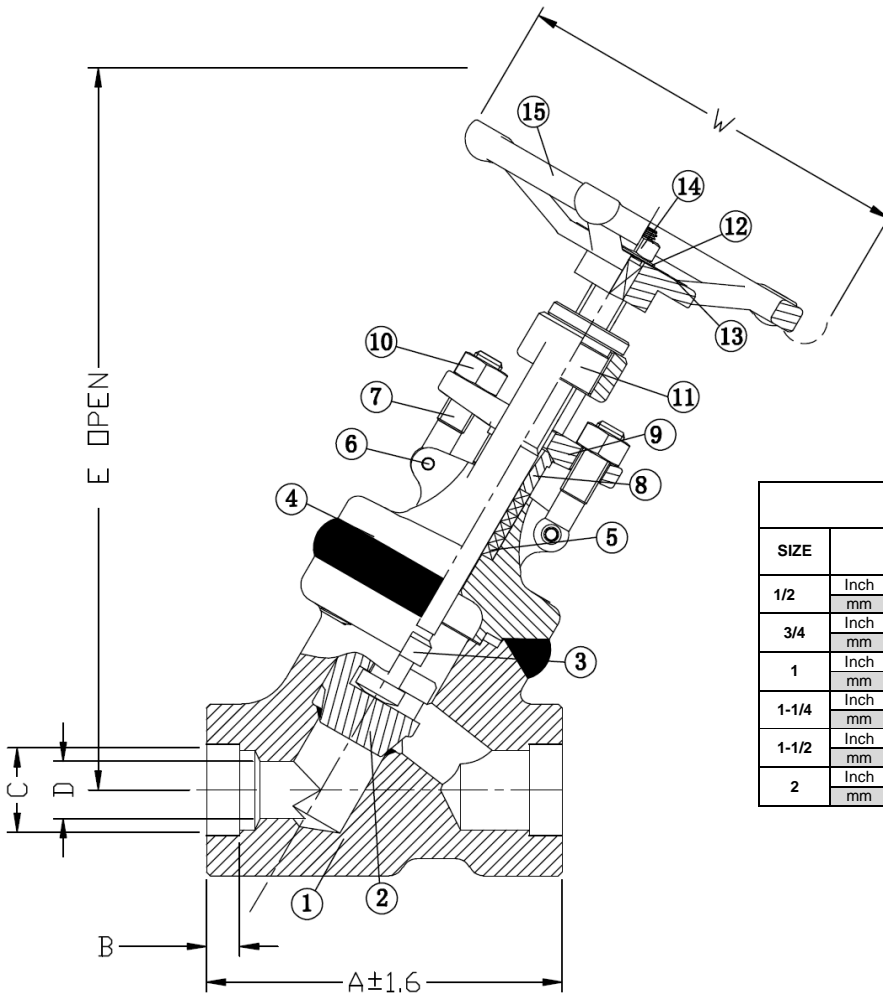
### MATERIAL LIST

NO.	Part Name	A105	LF2	F91	F11	F22	F316/F316L	
1	Body	A105N	A350-LF2	A182-F91	A182-F11	A182-F22	A182-F316/F316L	
2	Disc	ASTM A276 Gr. 410/CoCr-A						316/CoCr-A
3	Stem	A276-410						A276-316
4	Bonnet	A105N	A350-LF2	A182-F91	A182-F11	A182-F22	A194-316	
5	Packing	Graphite						
6	Eyebolt Pin	A276-410						A276-316
7	Eyebolt	B7	L7	B8	B16	B16	B8M	
8	Gland	410	304	410	410	410	316	
9	Gland Plate	A105N	A350-LF2	A182-F91	A182-F11	A182-F22	A182-F316/F316L	
10	Eyebolt Nut	2H	2H	8	2H	2H	8M	
11	Op-Nut	A276-410						
12	Lock Washer	Carbon Steel						
13	Nameplate	Aluminum						
14	Handwheel Nut	Carbon Steel						
15	Handwheel	ASTM A 197						

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## Y-Pattern Globe Valve Forged Steel Class 2500



### STANDARDS:

#### DESIGN:

API 602  
ASME B16.34

#### TESTING:

API 598

#### PRESSURE CLASS:

NPT, SW, & BW – 2500

#### CONNECTIONS:

NPT – ASME B1.20.1  
SW – ASME B16.11  
BW – ASME B16.25

### DIMENSIONS AND WEIGHTS

SIZE		A	B (Min)	C	D (Min)	E	W	WGT.
1/2	Inch	7.31	0.37	0.87	0.43	12.96	7.87	27.11
	mm	186.0	9.50	22.0	11.0	329.0	200.0	12.3
3/4	Inch	7.31	0.49	1.07	0.56	12.96	7.87	25.57
	mm	186.0	12.50	27.4	14.0	329.0	200.0	11.6
1	Inch	7.31	0.49	1.34	0.75	12.96	7.87	23.81
	mm	186.0	12.50	34.1	19.0	329.0	200.0	10.8
1-1/4	Inch	9.12	0.49	1.68	0.98	13.78	11.00	61.73
	mm	232.0	12.50	42.9	25.0	350.0	280.0	28.0
1-1/2	Inch	9.12	0.49	1.92	1.12	13.78	11.00	58.20
	mm	232.0	12.50	49.0	28.0	350.0	280.0	26.4
2	Inch	12.25	0.63	2.41	1.38	15.09	11.81	96.56
	mm	310.0	16.00	61.5	35.0	383.0	300.0	43.8

### MATERIAL LIST

NO.	Part Name	A105	LF2	F91	F11	F22	F316/F316L	
1	Body	A105N	A350-LF2	A182-F91	A182-F11	A182-F22	A182-F316/F316L	
2	Disc	ASTM A276 Gr. 410/CoCr-A					316/CoCr-A	
3	Stem	A276-410					A276-316	
4	Bonnet	A105N	A350-LF2	A182-F91	A182-F11	A182-F22	A194-316	
5	Packing	Graphite						
6	Eyebolt Pin	A276-410					A276-316	
7	Eyebolt	B7	L7	B8	B16	B16	B8M	
8	Gland	410	304	410	410	410	316	
9	Gland Plate	A105N	A350-LF2	A182-F91	A182-F11	A182-F22	A182-F316/F316L	
10	Eyebolt Nut	2H	2H	8	2H	2H	8M	
11	Op-Nut	A276-410						
12	Lock Washer	Carbon Steel						
13	Nameplate	Aluminum						
14	Handwheel Nut	Carbon Steel						
15	Handwheel	ASTM A 197						

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